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FACSIMILE**Date:** April 20, 2005**Time Sent:**

To:	Company:	Facsimile No:	Telephone No:
Examiner: Krishnamurthy, Ramesh	USPTO Art Unit: 3753	703-872-9306	
From:	Jeffrey J. Miller	<i>Direct Phone:</i>	617.535.4421
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<i>Sent By:</i>		<i>Direct Phone:</i>	
<i>Client/Matter/Tkpr:</i>	056231-0386-5664	<i>Original to Follow by Mail:</i>	No
		<i>Number of Pages, Including Cover:</i>	15
Re:	Application No. 10/816,084		

Message:

In re Patent Application of: Ambrosina, et al. Art Unit: 3753
Application Number(s): 10/816,084 Examiner: Krishnamurthy, Ramesh
Filing Date: April 1, 2004 Confirm. No.: 9462
Title: **Mass Flow Ratio System and Method**
Docket Number: 56231-386 (MKS-90CN)

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28 State Street Boston, Massachusetts 02109-1775 Telephone: 617.535.4000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Ambrosina, et al. Art Unit: 3753
 Application Number(s): 10/816,084 Examiner: Krishnamurthy, Ramesh
 Filing Date: April 1, 2004 Confirm. No.: 9462
 Title: Mass Flow Ratio System and Method
 Docket Number: 56231-386 (MKS-90CN)

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being facsimile transmitted to Technology Center 3700 of the U.S. Patent and Trademark Office (Fax No. 703-872-9306) on April 20, 2005.

Jeff Miller



Via Facsimile 703-872-9306
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Applicant encloses herewith for filing in connection with the above-referenced patent application the following documents:

1. SUPPLEMENTAL AMENDMENT "A" for filing in response to Office Action of September 28, 2004.

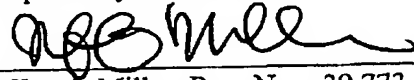
The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	29	28	1 x	\$50.00 =	\$50.00
Independent Claims	3	3	0 x	\$200.00 =	\$0.00
Multiple claims newly presented					\$0.00
Total of Above Calculations					\$50.00

The Commissioner is hereby authorized to charge the payment of the fees associated with this communication or credit any overpayment, to Deposit Account No. 50-1133, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Date: April 20, 2005

Respectfully submitted,-



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PATENT


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Jeff Miller



Via Facsimile 703-872-9306
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT A

Sir:

In response to the Office Action mailed September 28, 2004, please further amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.

BST99 1454678-1.056231.0459